

**FY 2010**

**Budget Tables for the National Nuclear Security  
Administration**

## National Nuclear Security Administration

### Overview Appropriation Summary

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2009 Supplemental Request	FY 2010 Request
<b>National Nuclear Security Administration</b>				
Office of the Administrator	402,137	439,190	0	420,754
Weapons Activities	6,302,366	6,380,000	0	6,384,431
Defense Nuclear Nonproliferation	1,656,922	1,482,350	89,500	2,136,709
[non-add MOX Project funded in other appropriations]	[278,879]	[487,008]	N/A	N/A
Naval Reactors	774,686	828,054	0	1,003,133
<b>Total, NNSA</b>	<b>9,136,111</b>	<b>9,129,594</b>	<b>89,500</b>	<b>9,945,027</b>
Rescission of Prior Year Balances	-322,000			
<b>Total, NNSA (OMB Scoring)</b>	<b>8,814,111</b>			

### Outyear Appropriation Summary NNSA Future-Years Nuclear Security Program (FYNSP)

(dollars in thousands)

	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
<b>NNSA</b>					
Office of the Administrator	420,754	424,962	429,211	433,504	437,838
Weapons Activities	6,384,431	6,356,635	6,350,472	6,339,946	6,335,066
Defense Nuclear Nonproliferation	2,136,709	2,227,276	2,284,049	2,439,019	2,595,190
Naval Reactors	1,003,133	950,786	950,334	948,978	948,717
<b>Total, NNSA</b>	<b>9,945,027</b>	<b>9,959,659</b>	<b>10,014,066</b>	<b>10,161,447</b>	<b>10,316,811</b>

**Office of the Administrator  
National Nuclear Security Administration**

**Overview**

**Appropriation Summary by Program**

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation <sup>a</sup>	FY 2010 Request <sup>b</sup>
Office of the Administrator			
<b>Office of the Administrator</b>	379,997	415,878	431,074
<b>Congressional Directed Projects</b>	22,140	23,312	0
<b>Use of prior year balances</b>	0	0	(10,320)
Total, Office of the Administrator	<b>402,137</b>	<b>439,190</b>	<b>420,754</b>

**Public Law Authorization:**

FY 2009 Omnibus Appropriations Act (P.L. 111-8)

National Nuclear Security Administration Act (P.L. 106-65), as amended

**Outyear Appropriation Summary**

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
Office of the Administrator	<b>424,962</b>	<b>429,211</b>	<b>433,504</b>	<b>437,838</b>

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<sup>a</sup> The FY 2009 Omnibus Appropriations Act report language states, "The Department is directed to transfer \$10,000,000 from the Office of the Administrator to the Non-Defense Environmental Cleanup account for cleanup efforts at Argonne National Laboratory."

<sup>b</sup> The FY 2010 program level for the Office of the Administrator will be achieved through the planned use of prior year unobligated balances in the amount of \$10,320,000.

**Office of the Administrator**

**Congressional Directed Projects**

**Funding Profile by Subprogram**

(dollars in thousands)

	FY 2008 Current Appropriation <sup>a</sup>	FY 2009 Original Appropriation	FY 2010 Request
Congressionally Directed Projects	22,140	23,312	0

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<sup>a</sup> Reflects a rescission of \$360,000 as cited in the FY 2008 Consolidated Appropriations Act (P.L. 110-161).

## Weapons Activities

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Weapons Activities</b>			
Directed Stockpile Work	1,405,602	1,590,152	1,514,651
Science Campaign	286,274	316,690	316,690
Engineering Campaign	168,548	150,000	150,000
Inertial Confinement Fusion Ignition and High Yield Campaign	470,206	436,915	436,915
Advanced Simulation and Computing Campaign	574,537	556,125	556,125
Pit Manufacturing and Certification Campaign	213,831	0	0
Readiness Campaign	158,088	160,620	100,000
Readiness in Technical Base and Facilities	1,635,381	1,674,406	1,736,348
Secure Transportation Asset	211,523	214,439	234,915
Nuclear Counterterrorism Incident Response	158,655	215,278	221,936
Facilities and Infrastructure Recapitalization Program	177,861	147,449	154,922
Site Stewardship	0	0	90,374
Environmental Projects and Operations	17,272	38,596	0
Defense Nuclear Security	799,133	735,208	749,044
Cyber Security	105,287	121,286	122,511
Congressionally Directed Projects	47,232	22,836	0
<b>Subtotal, Weapons Activities</b>	<b>6,429,430</b>	<b>6,380,000</b>	<b>6,384,431</b>
Security Charge for Reimbursable Work	-34,000	0	0
Use of Prior Year Balances	-93,064	0	0
<b>Total, Weapons Activities</b>	<b>6,302,366</b>	<b>6,380,000</b>	<b>6,384,431</b>

#### **Public Law Authorization:**

FY 2008 Consolidated Appropriations Act (P.L. 110-161)

Omnibus Appropriations Act, 2009 (P.L. 111-8)

National Nuclear Security Administration Act, (P.L. 106-65), as amended

## Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Weapons Activities</b>				
Directed Stockpile Work	1,522,230	1,485,842	1,531,408	1,553,468
Science Campaign	313,075	311,860	308,223	304,899
Engineering Campaign	118,630	118,170	116,792	144,415
Inertial Confinement Fusion Ignition and High Yield Campaign	431,927	430,251	425,234	420,648
Advanced Simulation and Computing Campaign	549,776	547,643	541,257	535,420
Pit Manufacturing and Certification Campaign	0	0	0	0
Readiness Campaign	84,029	83,704	82,728	81,835
Readiness in Technical Base and Facilities	1,736,779	1,770,867	1,736,475	1,694,224
Secure Transportation Asset	253,902	257,444	255,575	259,146
Nuclear Counterterrorism Incident Response	223,178	222,914	222,508	222,300
Facilities and Infrastructure Recapitalization Program	156,764	154,750	154,687	0
Site Stewardship	89,915	91,636	91,261	245,729
Defense Nuclear Security	753,233	752,341	750,972	750,271
Cyber Security	123,197	123,050	122,826	122,711
Congressional Directed Projects	0	0	0	0
<b>Total, Weapons Activities</b>	<b>6,356,635</b>	<b>6,350,472</b>	<b>6,339,946</b>	<b>6,335,066</b>

## Directed Stockpile Work

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Directed Stockpile Work</b>			
Life Extension Programs			
B61 Life Extension Program	57,013	2,123	0
W76 Life Extension Program	189,822	202,920	209,196
<b>Subtotal, Life Extension Programs</b>	<b>246,835</b>	<b>205,043</b>	<b>209,196</b>
<b>Stockpile Systems</b>			
B61 Stockpile Systems	64,125	78,021	124,456
W62 Stockpile Systems	2,122	1,596	0
W76 Stockpile Systems	65,212	66,365	65,497
W78 Stockpile Systems	36,880	42,049	50,741
W80 Stockpile Systems	27,342	31,073	19,064
B83 Stockpile Systems	23,959	24,986	35,682
W87 Stockpile Systems	53,199	36,073	51,817
W88 Stockpile Systems	54,250	48,358	43,043
<b>Subtotal, Stockpile Systems</b>	<b>327,089</b>	<b>328,521</b>	<b>390,300</b>
<b>Reliable Replacement Warhead</b>	<b>1,527</b>	<b>0</b>	<b>0</b>
<b>Weapons Dismantlement and Disposition</b>			
99-D-141-01 Pit Disassembly and Conversion Facility-SRS	22,447	24,883	0
99-D-141-02 Waste Solidification Building-SRS	33,600	40,000	0
Weapons Dismantlement and Disposition	55,408	57,238	84,100
Device Assembly Facility	14,713	0	0
Pit Disassembly and Conversion Facility-O&M	12,664	68,084	0
<b>Subtotal, Weapons Dismantlement and Disposition</b>	<b>138,832</b>	<b>190,205</b>	<b>84,100</b>
<b>Stockpile Services</b>			
Production Support	283,529	293,062	301,484
Research & Development Support	31,386	35,144	37,071
Research & Development Certification and Safety	173,609	187,574	143,076
Management, Technology, and Production	202,795	195,334	200,223
Plutonium Capability	0	155,269	0
Plutonium Sustainment	0	0	149,201
<b>Subtotal, Stockpile Services</b>	<b>691,319</b>	<b>866,383</b>	<b>831,055</b>
<b>Total, Directed Stockpile Work</b>	<b>1,405,602</b>	<b>1,590,152</b>	<b>1,514,651</b>

## Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Directed Stockpile Work</b>				
Life Extension Programs				
W76 Life Extension Program	206,808	206,005	203,603	236,403
<b>Subtotal, Life Extension Programs</b>	<b>206,808</b>	<b>206,005</b>	<b>203,603</b>	<b>236,403</b>
<b>Stockpile Systems</b>				
B61 Stockpile Systems	110,689	138,084	195,768	198,355
W62 Stockpile Systems	0	0	0	0
W76 Stockpile Systems	56,884	51,348	52,883	49,177
W78 Stockpile Systems	47,596	39,077	38,158	41,518
W80 Stockpile Systems	17,599	15,909	18,482	19,444
B83 Stockpile Systems	34,649	34,616	35,447	38,596
W87 Stockpile Systems	55,196	61,555	59,247	46,002
W88 Stockpile Systems	40,120	56,354	60,137	62,069
<b>Subtotal, Stockpile Systems</b>	<b>362,733</b>	<b>396,943</b>	<b>460,122</b>	<b>455,161</b>
<b>Weapons Dismantlement and Disposition</b>	<b>62,464</b>	<b>60,783</b>	<b>61,928</b>	<b>59,544</b>
<b>Stockpile Services</b>				
Production Support	317,074	295,307	277,715	272,016
Research & Development Support	39,494	35,904	35,517	36,378
Research & Development Certification and Safety	193,516	176,360	183,311	184,090
Management, Technology, and Production	198,387	206,980	201,499	203,590
Pit Manufacturing	0	0	0	0
Pit Manufacturing Capability	0	0	0	0
Plutonium Capability	0	0	0	0
Plutonium Sustainment	141,754	107,560	107,713	106,286
<b>Subtotal, Stockpile Services</b>	<b>890,225</b>	<b>822,111</b>	<b>805,755</b>	<b>802,360</b>
<b>Total, Directed Stockpile Work</b>	<b>1,522,230</b>	<b>1,485,842</b>	<b>1,531,408</b>	<b>1,553,468</b>



## Science Campaign

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Science Campaign</b>			
Advanced Certification	14,866	19,400	19,400
Primary Assessment Technologies	61,844	80,181	80,181
Dynamic Plutonium Experiments	0	23,022	0
Dynamic Materials Properties	95,978	83,231	86,617
Academic Alliances	0	0	30,251
Advanced Radiography	30,282	28,535	22,328
Secondary Assessment Technologies	78,399	76,913	77,913
Test Readiness	4,905	5,408	0
<b>Total, Science Campaign</b>	<b>286,274</b>	<b>316,690</b>	<b>316,690</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Science Campaign</b>				
Advanced Certification	19,316	19,104	18,881	18,678
Primary Assessment Technologies	79,835	78,958	78,038	77,195
Dynamic Plutonium Experiments	0	0	0	0
Dynamic Materials Properties	86,243	85,296	84,301	83,392
Academic Alliances	30,120	29,790	29,442	29,125
Advanced Radiography	19,984	21,987	21,731	21,497
Secondary Assessment Technologies	77,577	76,725	75,830	75,012
Test Readiness	0	0	0	0
<b>Total, Science Campaign</b>	<b>313,075</b>	<b>311,860</b>	<b>308,223</b>	<b>304,899</b>

## Engineering Campaign

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Engineering Campaign</b>			
Enhanced Surety	34,137	46,112	42,000
Weapon Systems Engineering Assessment Technology	18,814	16,592	18,000
Nuclear Survivability	8,644	21,100	21,000
Enhanced Surveillance	78,573	66,196	69,000
Microsystems and Engineering Sciences Applications (MESA)			
Other Projects Cosrs (OPC)	7,485	0	0
08-D-806, Ion Beam Laboratory Refurbishment Construction	9,911	0	0
01-D-108, Microsystems and Engineering Sciences Applications (MESA) Construction	10,984	0	0
<b>Total, Engineering Campaign</b>	<b>168,548</b>	<b>150,000</b>	<b>150,000</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Engineering Campaign</b>				
Enhanced Surety	43,431	45,101	44,770	50,064
Weapon Systems Engineering Assessment Technology	13,850	16,938	15,572	20,218
Nuclear Survivability	17,922	9,454	8,760	10,590
Enhanced Surveillance	43,427	46,677	47,690	63,543
MESA OPCs	0	0	0	0
MESA Construction	0	0	0	0
<b>Total, Engineering Campaign</b>	<b>118,630</b>	<b>118,170</b>	<b>116,792</b>	<b>144,415</b>

## Inertial Confinement Fusion Ignition and High Yield Campaign

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Inertial Confinement Fusion Ignition and High Yield Campaign</b>			
Ignition	103,029	100,535	106,734
Support of Other Stockpile Programs	0	0	0
NIF Diagnostics, Cryogenics, and Experimental Support	68,107	66,201	72,252
Pulsed Power Inertial Confinement Fusion	10,241	8,652	5,000
Joint Program in High Energy Density Laboratory Plasmas	3,152	3,053	4,000
Facility Operations and Target Production	112,012	203,282	248,929
Inertial Fusion Technology	29,426	0	0
NIF Assembly and Installation Program	134,294	55,192	0
High-Energy Petawatt Laser Development	0	0	0
96-D-111, National Ignition Facility	9,945	0	0
<b>Total, Inertial Confinement Fusion Ignition and High Yield Campaign</b>	<b>470,206</b>	<b>436,915</b>	<b>436,915</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Inertial Confinement Fusion Ignition and High Yield Campaign</b>				
Ignition	111,173	94,773	74,410	71,479
Support of Other Stockpile Programs	0	13,102	29,495	29,177
NIF Diagnostics, Cryogenics, and Experimental Support	74,370	75,395	74,921	71,348
Pulsed Power Inertial Confinement Fusion	4,978	4,924	4,866	4,814
Joint Program in High Energy Density Laboratory Plasmas	3,983	3,939	3,893	3,851
Facility Operations and Target Production	237,423	238,118	237,649	239,979
Inertial Fusion Technology	0	0	0	0
NIF Assembly and Installation Program	0	0	0	0
High-Energy Petawatt Laser Development	0	0	0	0
96-D-111, National Ignition Facility	0	0	0	0
<b>Total, Inertial Confinement Fusion Ignition and High Yield Campaign</b>	<b>431,927</b>	<b>430,251</b>	<b>425,234</b>	<b>420,648</b>

## Advanced Simulation and Computing Campaign

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Advanced Simulation and Computing Campaign</b>			
Integrated Codes	151,984	138,917	138,475
Physics and Engineering Models	65,049	49,284	58,762
Verification and Validation	49,606	50,184	49,781
Computational Systems and Software Environment	185,637	156,733	150,833
Facility Operations and User Support	122,261	161,007	158,274
<b>Total, Advanced Simulation and Computing Campaign</b>	<b>574,537</b>	<b>556,125</b>	<b>556,125</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Advanced Simulation and Computing Campaign</b>				
Integrated Codes	137,975	137,975	137,975	137,975
Physics and Engineering Models	54,798	58,762	58,762	58,762
Verification and Validation	49,781	49,781	49,781	49,781
Computational Systems and Software Environment	150,833	150,833	150,833	150,833
Facility Operations and User Support	156,389	150,292	143,906	138,069
<b>Total, Advanced Simulation and Computing Campaign</b>	<b>549,776</b>	<b>547,643</b>	<b>541,257</b>	<b>535,420</b>

## Readiness Campaign

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Readiness Campaign</b>			
Stockpile Readiness	18,562	27,869	5,746
High Explosives and Weapon Operations	9,647	8,659	4,608
Nonnuclear Readiness	25,103	30,000	12,701
Tritium Readiness	71,831	71,831	68,246
Advanced Design and Production Technologies	32,945	22,261	8,699
<b>Total, Readiness Campaign</b>	<b>158,088</b>	<b>160,620</b>	<b>100,000</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Readiness Campaign</b>				
Stockpile Readiness	11,199	0	0	0
High Explosives and Weapon Operations	0	0	0	0
Nonnuclear Readiness	7,026	0	0	0
Tritium Readiness	51,371	83,704	82,728	81,835
Advanced Design and Production Technologies	14,433	0	0	0
<b>Total, Readiness Campaign</b>	<b>84,029</b>	<b>83,704</b>	<b>82,728</b>	<b>81,835</b>

## **Pit Manufacturing and Certification Campaign**

### **Funding Profile by Subprogram**

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Pit Manufacturing and Certification Campaign</b>			
Pit Manufacturing	137,323	0	0
Pit Certification	37,273	0	0
Pit Manufacturing Capability	39,235	0	0
<b>Total, Pit Manufacturing and Certification Campaign</b>	<b>213,831</b>	<b>0</b>	<b>0</b>

### **Budget Structure Changes**

Having successfully reconstituted the capability for producing a replacement plutonium pit for a nuclear weapon, the Pit Manufacturing and Certification Campaign is complete. In FY 2009, Pit Manufacturing and Pit Manufacturing Capability become Plutonium Capability under the DSW Stockpile Services subprogram with other production manufacturing activities. Also in FY 2009, Pit Certification was moved to the Science Campaign and renamed Dynamic Plutonium Experiments.

## Readiness in Technical Base and Facilities

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Readiness in Technical Base and Facilities</b>			
Operations of Facilities	1,152,455	1,163,331	1,342,303
Program Readiness	70,099	71,626	73,021
Material Recycle and Recovery	71,567	70,334	69,542
Containers	21,760	22,696	23,392
Storage	34,462	31,951	24,708
<b>Subtotal, Operations and Maintenance</b>	<b>1,350,343</b>	<b>1,359,938</b>	<b>1,532,966</b>
Construction	285,038	314,468	203,382
<b>Total, Readiness in Technical Base and Facilities</b>	<b>1,635,381</b>	<b>1,674,406</b>	<b>1,736,348</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Readiness in Technical Base and Facilities</b>				
Operations of Facilities	1,290,006	1,212,085	1,169,649	1,114,853
Program Readiness	70,945	66,075	65,567	65,117
Material Recycle and Recovery	72,091	66,267	66,258	64,959
Containers	28,653	25,658	24,691	23,541
Storage	24,805	23,089	22,975	22,487
<b>Subtotal, Operations and Maintenance</b>	<b>1,486,500</b>	<b>1,393,174</b>	<b>1,349,140</b>	<b>1,290,957</b>
Construction	250,279	377,693	387,335	403,267
<b>Readiness in Technical Base and Facilities</b>	<b>1,736,779</b>	<b>1,770,867</b>	<b>1,736,475</b>	<b>1,694,224</b>

## Secure Transportation Asset

### Overview

#### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Secure Transportation Asset (STA)</b>			
Operations and Equipment	128,343	127,701	138,772
Program Direction	83,180	86,738	96,143
<b>Total, Secure Transportation Asset</b>	<b>211,523</b>	<b>214,439</b>	<b>234,915</b>

#### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Operations and Equipment</b>				
Operations and Equipment	158,322	160,165	156,897	159,224
Program Direction	95,580	97,279	98,678	99,922
<b>Total, Operations and Equipment</b>	<b>253,902</b>	<b>257,444</b>	<b>255,575</b>	<b>259,146</b>



## Secure Transportation Asset

### Operations and Equipment

#### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Operations and Equipment</b>			
Mission Capacity	72,358	70,107	75,038
Security/Safety Capability	18,168	20,617	26,472
Infrastructure and C5 Systems	29,769	25,978	23,217
Program Management	8,048	10,999	14,045
<b>Total, Operations and Equipment</b>	<b>128,343</b>	<b>127,701</b>	<b>138,772</b>

#### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Operations and Equipment</b>				
Mission Capacity	82,721	82,893	80,286	80,695
Security/Safety Capability	27,516	28,124	27,883	28,582
Infrastructure and C5 Systems	33,486	34,226	33,933	34,783
Program Management	14,599	14,922	14,795	15,164
<b>Total, Operations and Equipment</b>	<b>158,322</b>	<b>160,165</b>	<b>156,897</b>	<b>159,224</b>

## Secure Transportation Asset

### Program Direction

#### Funding Profile by Subprogram

	(dollars in thousands)		
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Program Direction</b>			
Salaries and Benefits	73,244	75,226	81,225
Travel	8,741	10,188	11,331
Other Related Expenses	1,195	1,324	3,587
<b>Total, Program Direction</b>	<b>83,180</b>	<b>86,738</b>	<b>96,143</b>
<b>Total, Full Time Equivalents</b>	<b>567</b>	<b>647</b>	<b>647</b>

#### Outyear Funding Profile by Subprogram

	(dollars in thousands)			
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Program Direction</b>				
Salaries and Benefits	82,157	83,844	84,846	85,658
Travel	11,482	11,827	12,182	12,521
Other Related Expenses	1,941	1,608	1,650	1,743
<b>Total, Program Direction</b>	<b>95,580</b>	<b>97,279</b>	<b>98,678</b>	<b>99,922</b>
<b>Total, Full Time Equivalents</b>	<b>647</b>	<b>667</b>	<b>667</b>	<b>667</b>

## Nuclear Counterterrorism Incident Response

### Funding Profile by Subprogram<sup>c</sup>

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Nuclear Counterterrorism Incident Response</b>			
<b>(Homeland Security)<sup>b</sup></b>			
Emergency Response (Homeland Security) <sup>b</sup>	131,455	132,918	139,048
National Technical Nuclear Forensics (Homeland Security) <sup>b</sup>	12,000	12,557	10,217
Emergency Management (Homeland Security) <sup>b</sup>	6,479	7,428	7,726
Operations Support (Homeland Security) <sup>b</sup>	8,721	8,207	8,536
International Emergency Management and Cooperation	0	4,515	7,181
Nuclear Counterterrorism (Homeland Security) <sup>b</sup>	0	49,653	49,228
<b>Total, Nuclear Counterterrorism Incident Response</b>	<b>158,655</b>	<b>215,278</b>	<b>221,936</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Nuclear Counterterrorism Incident Response</b>				
Emergency Response (Homeland Security) <sup>b</sup>	138,939	139,222	139,899	141,100
National Technical Nuclear Forensics (Homeland Security) <sup>b</sup>	10,384	10,400	10,500	10,400
Emergency Management (Homeland Security) <sup>b</sup>	7,852	7,500	7,000	6,850
Operations Support (Homeland Security) <sup>b</sup>	8,675	8,692	8,799	8,750
International Emergency Management and Cooperation	7,298	7,300	7,310	7,200
Nuclear Counterterrorism (Homeland Security) <sup>b</sup>	50,030	49,800	49,000	48,000
<b>Total, Nuclear Counterterrorism Incident Response</b>	<b>223,178</b>	<b>222,914</b>	<b>222,508</b>	<b>222,300</b>

<sup>c</sup> Effective June 1, 2007, the Office of International Emergency Management and Cooperation was functionally transferred from the Office of Defense Nuclear Non-proliferation (DNN) to Nuclear Counterterrorism Incident Response (NCTIR) in an effort to consolidate emergency mission, functions, authorities and activities within NNSA. Funding that was managed by the NCTIR program, but still resided in the DNN budget, was \$6,249,000 for FY 2008, reflecting planned program activities including increases for the Bratislava Agreement. Effective December 2007, the Office of Nuclear Counterterrorism Design Support was functionally transferred from the Office of Defense Programs (DP) to NCTIR in an effort to consolidate emergency mission, functions, authorities and activities within NNSA. FY 2008 funds totaling \$53,000,000 resided in DP; however, NCTIR managed the program.

<sup>b</sup> Office of Management and Budget (OMB) Homeland Security designation.

## Facilities and Infrastructure Recapitalization Program

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Facilities and Infrastructure Recapitalization Program</b>			
Operations and Maintenance (O&M)			
Recapitalization	87,414	69,226	130,507
Facility Disposition	21,300	0	0
Infrastructure Planning	7,627	10,324	14,452
<b>Subtotal, Operations and Maintenance (O&amp;M)</b>	<b>116,341</b>	<b>79,550</b>	<b>144,959</b>
Construction	61,520	67,899	9,963
<b>Total, Facilities and Infrastructure Recapitalization Program</b>	<b>177,861</b>	<b>147,449</b>	<b>154,922</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Facilities and Infrastructure Recapitalization Program</b>				
Operations and Maintenance (O&M)				
Recapitalization	145,065	142,048	152,073	0
Facility Disposition	0	0	0	0
Infrastructure Planning	11,699	12,702	2,614	0
<b>Subtotal, Operations and Maintenance (O&amp;M)</b>	<b>156,764</b>	<b>154,750</b>	<b>154,687</b>	<b>0</b>
Construction	0	0	0	0
<b>Total, Facilities and Infrastructure Recapitalization Program</b>	<b>156,764</b>	<b>154,750</b>	<b>154,687</b>	<b>0</b>

## Site Stewardship

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Operations and Maintenance</b>			
Environmental Projects and Operations	0	0	41,288
Nuclear Materials Integration	0	0	20,000
Stewardship Planning	0	0	29,086
<b>Total, Operations and Maintenance</b>	<b>0</b>	<b>0</b>	<b>90,374</b>
<b>Construction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total, Site Stewardship</b>	<b>0</b>	<b>0</b>	<b>90,374</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Operations and Maintenance</b>				
Environmental Projects and Operations	39,026	37,468	36,040	36,900
Nuclear Materials Integration	15,000	15,000	10,000	10,000
Stewardship Planning	13,889	39,168	21,221	158,829
<b>Total, Operations and Maintenance</b>	<b>67,915</b>	<b>91,636</b>	<b>67,261</b>	<b>205,729</b>
<b>Construction</b>	<b>22,000</b>	<b>0</b>	<b>24,000</b>	<b>40,000</b>
<b>Total, Site Stewardship</b>	<b>89,915</b>	<b>91,636</b>	<b>91,261</b>	<b>245,729</b>

## Environmental Projects and Operations

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
Environmental Projects and Operations			
Long-Term Stewardship	17,272	38,596	0
<b>Total, Environmental Projects and Operations</b>	<b>17,272</b>	<b>38,596</b>	<b>0</b>

## Safeguards and Security

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Safeguards and Security (S&amp;S)</b>			
<b>Defense Nuclear Security (Homeland Security)</b>			
Operations and Maintenance	728,023	689,510	700,044
Construction	71,110	45,698	49,000
<b>Subtotal, Defense Nuclear Security</b>	<b>799,133</b>	<b>735,208</b>	<b>749,044</b>
<i>Offset for S&amp;S Work for Others</i>	(34,000)	0	0
<b>Total, Defense Nuclear Security</b>	<b>765,133</b>	<b>735,208</b>	<b>749,044</b>
<b>Cyber Security (Homeland Security)</b>	<b>105,287</b>	<b>121,286</b>	<b>122,511</b>
<b>Total, Safeguards and Security</b>	<b>870,420</b>	<b>856,494</b>	<b>871,555</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Safeguards and Security (S&amp;S)</b>				
<b>Defense Nuclear Security (Homeland Security)</b>				
Operations and Maintenance	701,233	707,911	750,972	750,271
Construction	52,000	44,430	0	0
<b>Total, Defense Nuclear Security</b>	<b>753,233</b>	<b>752,341</b>	<b>750,972</b>	<b>750,271</b>
<b>Cyber Security (Homeland Security)</b>	<b>123,197</b>	<b>123,050</b>	<b>122,826</b>	<b>122,711</b>
<b>Total, Safeguards and Security</b>	<b>876,430</b>	<b>875,391</b>	<b>873,798</b>	<b>872,982</b>

## Defense Nuclear Security

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Defense Nuclear Security</b>			
Operations and Maintenance (Homeland Security)			
Protective Forces	439,106	418,694	443,000
Physical Security Systems	120,873	77,245	74,000
Transportation	1,007	420	0
Information Security	21,072	25,880	25,300
Personnel Security	29,460	31,263	30,600
Materials Control and Accountability	23,978	35,929	35,200
Program Management	82,527	71,364	83,944
Technology Deployment, Physical Security	10,000	9,431	8,000
Graded Security Protection Policy (formerly DBT)	0	19,284	0
<b>Total, Operations and Maintenance (Homeland Security)</b>	<b>728,023</b>	<b>689,510</b>	<b>700,044</b>
Construction (Homeland Security)	71,110	45,698	49,000
<b>Subtotal, Defense Nuclear Security</b>	<b>799,133</b>	<b>735,208</b>	<b>749,044</b>
<i>Offset for S&amp;S Work for Others</i>	-34,000	0	0
<b>Total, Defense Nuclear Security with Offset</b>	<b>765,133</b>	<b>735,208</b>	<b>749,044</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Defense Nuclear Security</b>				
Operations and Maintenance (Homeland Security)				
Protective Forces	443,360	447,305	465,803	462,947
Physical Security Systems	77,370	74,727	84,602	84,478
Information Security	26,276	27,353	27,664	27,979
Personnel Security	32,116	33,431	33,812	34,196
Materials Control and Accountability	36,495	37,990	38,423	38,859
Program Management	77,588	78,747	92,215	93,263
Technology Deployment, Physical Security	8,028	8,358	8,453	8,549
<b>Total, Operations and Maintenance (Homeland Security)</b>	<b>701,233</b>	<b>707,911</b>	<b>750,972</b>	<b>750,271</b>
Construction (Homeland Security)	52,000	44,430	0	0
<b>Total, Defense Nuclear Security</b>	<b>753,233</b>	<b>752,341</b>	<b>750,972</b>	<b>750,271</b>



## Cyber Security

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Cyber Security (Homeland Security)</b>			
Infrastructure Program	71,777	93,776	99,011
Enterprise Secure Computing	19,500	25,500	21,500
Technology Application Development	2,010	2,010	2,000
Classified Diskless Workstation Operations	12,000	0	0
<b>Total, Cyber Security (Homeland Security)</b>	<b>105,287</b>	<b>121,286</b>	<b>122,511</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Cyber Security (Homeland Security)</b>				
Infrastructure Program	99,697	95,550	95,326	95,211
Enterprise Secure Computing	21,500	25,500	25,500	25,500
Technology Application Development	2,000	2,000	2,000	2,000
Classified Diskless Workstation Operations	0	0	0	0
<b>Total, Cyber Security (Homeland Security)</b>	<b>123,197</b>	<b>123,050</b>	<b>122,826</b>	<b>122,711</b>

## **Weapons Activities**

### **Congressional Directed Projects**

#### **Funding Profile by Subprogram**

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Congressionally Directed Projects</b>	<b>47,232</b>	<b>22,836</b>	<b>0</b>

## Defense Nuclear Nonproliferation

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2009 Supplemental Request	FY 2010 Request
<b>Defense Nuclear Nonproliferation</b>				
Nonproliferation and Verification Research and Development	379,649	363,792	0	297,300
Nonproliferation and International Security	149,993	150,000	9,500	207,202
International Nuclear Materials Protection and Cooperation	624,482	400,000	55,000	552,300
Elimination of Weapons-Grade Plutonium Production	180,190	141,299		24,507
Fissile Materials Disposition	66,235	41,774		701,900
Global Threat Reduction Initiative	199,448	395,000	25,000	353,500
International Nuclear Fuel Bank	49,545	0		
Congressional Directed Projects	7,380	1,903		
<b>Subtotal, Defense Nuclear Nonproliferation</b>	<b>1,656,922</b>	<b>1,493,768</b>	<b>89,500</b>	<b>2,136,709</b>
Use of Prior Year Balances	0	-11,418		0
<b>Total, Defense Nuclear Nonproliferation</b>	<b>1,656,922</b>	<b>1,482,350</b>	<b>89,500</b>	<b>2,136,709</b>
Rescission of Prior Year Balances	-322,000	0		
<b>Total, Defense Nuclear Nonproliferation (OMB Scoring)</b>	<b>1,334,922</b>	<b>1,482,350</b>	<b>89,500</b>	<b>2,136,709</b>

NOTES: The FY 2008 Current Appropriation column includes international contributions of \$6,473,368 to Defense Nuclear Nonproliferation programs. FY 2008 subprogram amounts as shown reflect a rescission of \$15,279,000 as cited in the FY 2008 Consolidated Appropriations Act (P.L. 110-161). FY 2009 funds appropriated in Other Defense Activities for Fissile Materials Disposition, and in Weapons Activities for the Waste Solidification Building funds are not reflected in the above table.

#### Public Law Authorization:

Omnibus Appropriations Act, 2009 (P.L. 111-8)

FY 2008 Consolidated Appropriations Act (P.L. 110-161)

National Nuclear Security Administration Act, (P.L. 106-65), as amended

## Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Defense Nuclear Nonproliferation</b>				
Nonproliferation and Verification Research and Development	318,882	315,941	317,557	328,193
Nonproliferation and International Security	170,888	164,929	169,219	173,923
International Nuclear Materials Protection and Cooperation	583,400	570,799	561,790	558,492
Elimination of Weapons Grade Plutonium Production	0	0	0	0
Fissile Materials Disposition	672,991	580,212	673,143	461,605
Global Threat Reduction Initiative	481,115	652,168	717,310	1,072,977
<b>Total, Defense Nuclear Nonproliferation</b>	<b>2,227,276</b>	<b>2,284,049</b>	<b>2,439,019</b>	<b>2,595,190</b>

## Nonproliferation and Verification Research and Development

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Nonproliferation and Verification R&amp;D</b>			
<b>Operations and Maintenance (O&amp;M)</b>			
Proliferation Detection	216,857	199,699	171,839
Homeland Security-Related Proliferation Detection [Non-Add]	[50,000]	[50,000]	[50,000]
Nuclear Detonation Detection	130,352	145,633	125,461
Supporting Activities	7,668	0	0
<b>Subtotal, O&amp;M</b>	<b>354,877</b>	<b>345,332</b>	<b>297,300</b>
Construction	24,772	18,460	0
<b>Total, Nonproliferation and Verification R&amp;D</b>	<b>379,649</b>	<b>363,792</b>	<b>297,300</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Nonproliferation and Verification R&amp;D</b>				
<b>Operations and Maintenance (O&amp;M)</b>				
Proliferation Detection (PD)	184,952	183,246	184,183	190,352
Homeland Security-Related Proliferation Detection [Non-Add]	[50,000]	[50,000]	[50,000]	[50,000]
Nuclear Detonation Detection	133,930	132,695	133,374	137,841
Supporting Activities	0	0	0	0
<b>Subtotal, O&amp;M</b>	<b>318,882</b>	<b>315,941</b>	<b>317,557</b>	<b>328,193</b>
Construction	0	0	0	0
<b>Total, Nonproliferation and Verification R&amp;D</b>	<b>318,882</b>	<b>315,941</b>	<b>317,557</b>	<b>328,193</b>

## Nonproliferation and International Security

### Funding Profile by Subprogram

(dollars in thousands)			
	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Nonproliferation and International Security</b>			
Dismantlement and Transparency	45,709	47,529	92,763
Global Security Engagement and Cooperation	50,912	44,076	50,708
International Regimes and Agreements	44,444	40,793	42,703
Treaties and Agreements	3,879	17,602	21,028
International Emergency Management Cooperation	5,049	0	0
<b>Total, Nonproliferation and International Security</b>	<b>149,993</b>	<b>150,000</b>	<b>207,202</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)				
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Nonproliferation and International Security</b>				
Dismantlement and Transparency	58,869	56,816	58,294	59,915
Global Security Engagement and Cooperation	56,830	54,848	56,275	57,839
International Regimes and Agreements	48,648	46,952	48,173	49,512
Treaties and Agreements	6,541	6,313	6,477	6,657
International Emergency Management Cooperation	0	0	0	0
<b>Total, Nonproliferation and International Security</b>	<b>170,888</b>	<b>164,929</b>	<b>169,219</b>	<b>173,923</b>

## International Nuclear Materials Protection and Cooperation

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>International Nuclear Materials Protection and Cooperation</b>			
Navy Complex	20,339	22,666	33,880
Strategic Rocket Forces/12 <sup>th</sup> Main Directorate	125,885	34,417	48,646
Rosatom Weapons Complex	66,343	56,070	71,517
Civilian Nuclear Sites	63,416	35,542	43,481
Material Consolidation and Conversion	19,608	21,560	13,611
National Programs and Sustainability	71,270	54,901	68,469
Second Line of Defense	257,621	174,844	272,696
<b>Total, International Nuclear Materials Protection and Cooperation</b>	<b>624,482</b>	<b>400,000</b>	<b>552,300</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>International Nuclear Materials Protection and Cooperation</b>				
Navy Complex	42,408	31,764	0	0
Strategic Rocket Forces/12 <sup>th</sup> Main Directorate	44,964	37,831	0	0
Rosatom Weapons Complex	103,497	52,000	0	0
Civilian Nuclear Sites	24,785	18,502	0	0
Material Consolidation and Conversion	14,165	14,306	14,627	14,627
National Programs and Sustainability	62,148	61,967	39,006	39,006
Second Line of Defense	291,433	354,429	508,157	504,859
<b>Total, International Nuclear Materials Protection and Cooperation</b>	<b>583,400</b>	<b>570,799</b>	<b>561,790</b>	<b>558,492</b>

## Elimination of Weapons-Grade Plutonium Production

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Elimination of Weapons-Grade Plutonium Production (EWGPP)</b>			
Seversk Plutonium Production Elimination (SPPEP)	19,400	0	0
Zheleznogorsk Plutonium Production Elimination (ZPPEP)	159,140	139,282	22,507
Crosscutting and Technical Support Activities	1,400	2,017	2,000
Funds from International Contributions	250	0	0
<b>Total, Elimination of Weapons-Grade Plutonium Production (EWGPP)</b>	<b>180,190</b>	<b>141,299</b>	<b>24,507</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Elimination of Weapons-Grade Plutonium Production</b>				
Seversk Plutonium Production Elimination	0	0	0	0
Zheleznogorsk Plutonium Production Elimination	0	0	0	0
Crosscutting and Technical Support Activities	0	0	0	0
<b>Total, Elimination of Weapons-Grade Plutonium Production</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



## Fissile Materials Disposition

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Fissile Materials Disposition (FMD)</b>			
<b>U.S. Surplus Fissile Materials Disposition</b>			
<b>Operations and Maintenance (O&amp;M)</b>			
U.S. Plutonium Disposition	0	0	90,896
U.S. Uranium Disposition	66,235	39,274	34,691
Supporting Activities	0	1,500	1,075
<b>Subtotal, O&amp;M</b>	<b>66,235</b>	<b>40,774</b>	<b>126,662</b>
Construction	0	0	574,238
<b>Total, U.S. Surplus FMD</b>	<b>66,235</b>	<b>40,774</b>	<b>700,900</b>
<b>Russian Surplus FMD</b>			
Russian Materials Disposition	0	1,000	1,000
<b>Total, Fissile Materials Disposition</b>	<b>66,235</b>	<b>41,774</b>	<b>701,900</b>

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Fissile Materials Disposition</b>				
U.S. Surplus Fissile Materials Disposition (O&M)	139,203	181,113	344,686	350,944
Construction	532,788	398,099	327,457	109,661
Russian Surplus Fissile Materials Disposition	1,000	1,000	1,000	1,000
<b>Total, Fissile Materials Disposition</b>	<b>672,991</b>	<b>580,212</b>	<b>673,143</b>	<b>461,605</b>

## Global Threat Reduction Initiative (GTRI)

### Funding Profile by Subprogram<sup>a b</sup>

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Global Threat Reduction Initiative</b>			
<b>Highly Enriched Uranium (HEU) Reactor Conversion</b>	<b>33,819</b>	<b>83,347</b>	<b>71,500</b>
<b>Nuclear and Radiological Material Removal</b>			
Russian Research Reactor Fuel Return	38,896	0	0
U.S. Foreign Research Reactor Spent Nuclear Fuel	9,887	0	0
Emerging Threats and Gap Materials	5,466	0	0
U.S. Radiological Threat Reduction	13,510	0	0
Russian-Origin Nuclear Material Removal	0	130,045	97,000
U.S.-Origin Nuclear Material Removal	0	14,222	10,000
Gap Nuclear Material Removal	0	7,279	51,000
Emerging Threats Nuclear Material Removal	0	8,767	9,500
International Radiological Material Removal	0	18,312	18,500
Domestic Radiological Material Removal	0	15,527	16,000
<b>Subtotal, Nuclear and Radiological Material Removal</b>	<b>67,759</b>	<b>194,152</b>	<b>202,000</b>
<b>Nuclear and Radiological Material Protection</b>			
Kazakhstan Spent Fuel	43,098	0	0
Global Research Reactor Security	3,557	0	0
International Radiological Threat Reduction	44,992	0	0
BN-350 Nuclear Material Protection	0	52,761	9,000
International Material Protection	0	31,950	35,000
Domestic Material Protection	0	32,790	36,000
<b>Subtotal, Nuclear and Radiological Material Protection</b>	<b>91,647</b>	<b>117,501</b>	<b>80,000</b>
<b>Total, Global Threat Reduction Initiative (appropriation)</b>	<b>193,225</b>	<b>395,000</b>	<b>353,500</b>
<b>Funds from International Contributions</b>	<b>6,223</b>	<b>0</b>	<b>0</b>
<b>Total, Global Threat Reduction Initiative Funds Available</b>	<b>199,448<sup>c</sup></b>	<b>395,000</b>	<b>353,500</b>

<sup>a</sup> Includes the funding from the FY 2007 Supplemental Act (P.L. 110-28) for International Radiological Threat Reduction (IRTR) in FY 2008 in the amount of \$20,000,000.

<sup>b</sup> Includes for FY 2008 international contributions from the Government of Canada for \$1,975,400; from the Republic of Korea for \$250,000, and from the United Kingdom of Great Britain and Northern Ireland for \$3,997,968.

<sup>c</sup> FY 2008 funds available of \$199,448,000 will be reduced by \$1,792,000 to reflect GTRI share of directed reduction in prior-year balances for a revised FY 2008 total of \$197,656,000.

## Outyear Funding Profile by Subprogram

	(dollars in thousands)			
	FY 2011	FY 2012	FY 2013	FY 2014
<b>Global Threat Reduction Initiative</b>				
<b>HEU Reactor Conversion</b>	<b>105,000</b>	<b>189,000</b>	<b>193,000</b>	<b>299,000</b>
<b>Nuclear and Radiological Material Removal</b>				
Russian-Origin Nuclear Material Removal	168,452	158,000	180,000	250,000
U.S.-Origin Nuclear Material Removal	20,000	30,000	30,000	40,000
Gap Nuclear Material Removal	35,000	75,000	75,000	120,000
Emerging Threats Nuclear Material Removal	15,000	15,000	15,000	15,000
International Radiological Material Removal	20,000	25,000	28,000	33,000
Domestic Radiological Material Removal	20,000	25,000	28,000	33,000
<b>Subtotal, Nuclear and Radiological</b>				
<b>Material Removal</b>	<b>278,452</b>	<b>328,000</b>	<b>356,000</b>	<b>491,000</b>
<b>Nuclear and Radiological Material Protection</b>				
BN-350 Nuclear Material Protection	2,000	2,000	0	0
International Material Protection	44,663	53,168	64,310	119,977
Domestic Material Protection	51,000	80,000	104,000	163,000
<b>Subtotal, Nuclear and Radiological</b>				
<b>Material Protection</b>	<b>97,663</b>	<b>135,168</b>	<b>168,310</b>	<b>282,977</b>
<b>Total, Global Threat Reduction Initiative</b>	<b>481,115</b>	<b>652,168</b>	<b>717,310</b>	<b>1,072,977</b>

## International Nuclear Fuel Bank

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
Total, International Nuclear Fuel Bank Program	49,545	0	0

### Public Law Authorization:

FY 2008 Consolidated Appropriations Act (P.L. 110-161)

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
Total, International Nuclear Fuel Bank Program	0	0	0	0

**Congressional Directed Projects**

**Funding Profile by Subprogram**

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Congressionally Directed Projects</b>	<b>7,380</b>	<b>1,903</b>	<b>0</b>

## Naval Reactors

### Funding Profile by Subprogram

(dollars in thousands)

	FY 2008 Current Appropriation	FY 2009 Original Appropriation	FY 2010 Request
<b>Naval Reactors Development</b>			
Operations and Maintenance (O&M)	732,374	771,600	935,533
Program Direction	32,403	34,454	36,800
Construction	9,909	22,000	30,800
<b>Total, Naval Reactors Development</b>	<b>774,686</b>	<b>828,054</b>	<b>1,003,133</b>

#### Public Law Authorizations:

P.L. 83-703, "Atomic Energy Act of 1954"

"Executive Order 12344 (42 U.S.C. 7158), "Naval Nuclear Propulsion Program"

P.L. 107-107, "National Defense Authorizations Act of 2002", Title 32, "National Nuclear Security Administration"

John Warner National Defense Authorization Act for FY 2007, (P.L. 109-364)

FY 2008 Consolidated Appropriations Act (P.L. 110-161)

National Nuclear Security Administration Act, (P.L. 106-65), as amended

FY 2009 Consolidated Appropriations Act (P.L. 111-8)

### Outyear Funding Profile by Subprogram

(dollars in thousands)

	FY 2011	FY 2012	FY 2013	FY 2014
<b>Naval Reactors Development</b>				
Operations and Maintenance	879,386	888,634	882,878	878,117
Program Direction	37,900	38,800	39,700	40,600
Construction	33,500	22,900	26,400	30,000
<b>Total, Naval Reactors Development</b>	<b>950,786</b>	<b>950,334</b>	<b>948,978</b>	<b>948,717</b>